

Prof. K. Venkateswara Rao

Raman Fellow

Prof. Nanotechnology & Registrar JNT University Hyderabad
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Education

2016-2017	Post-Doctoral Johns Hopkins Medicine, USA.
2003-2008	Doctor of Philosophy University of Hyderabad, Telangana, India.
2008-2011	Master of Technology JNTUH-Hyderabad, Telangana, India.
1995-1997	Master of Science (Physics) University of Hyderabad, Telangana, India.

Experience (Administrative)

2024-Present	Registrar JNT University Hyderabad, Telangana, India.
2023-2024	Director University Examinations JNT University Hyderabad, Telangana, India.
2021 - 2023	Controller of Examinations (CE) JNT University Hyderabad, Telangana, India.
2017 - 2020	Head of The Department(HoD) CNST, UCES&T, JNTUH, Telangana, India.
2013-2016	Additional Controller of Exams (ACE) JNT University Hyderabad, Telangana, India.
2009-2015	SC/ST Cell Officer JNT University Hyderabad, Telangana, India.
2009-2013	Head of The Department(HoD) CNST, UCES&T, JNTUH, Telangana, India.
2007-2009	Deputy Warden for Hostels JNTUH College of Engineering, Telangana.
2002-2007	Book Bank Officer JNTUH College of Engineering, Telangana.

Core Qualifications

Experience in teaching with a wide range of subjects including Quantum mechanics, nanomaterial, Characterization techniques, Sensors etc. Wide spectrum of Ph. D research scholars with different back grounds at their Graduate/Masters level in ECE, EEE, Mechanical, Biotechnology, Physics and Materials Science, gave me more scope to enter and approach to different areas of research. I'm always willing and ready to walk the extra mile and put in the extra effort in work.

Native of Madhira, Khammam District, Telangana, India.

Experience (Academic)

2016-Tilldate Professor of Nanotechnology (Permanent)	CNST,UCES&T, JNTUH, M.Tech Nanotechnology Subjects
2010-2016 Associate Professor of Nanotechnology (Permanent)	CNST, UCES&T, JNTUH, M.Tech Nanotechnology Subjects
2002-2010 Assistant Professor of Physics (Permanent)	JNTUH, College of Engineering B. Tech & P.G of Physics
1999-2002 Lecturer of Physics (Permanent)	V.K.R. College, Buddhavaram
1997-1999 Lecturer of Physics (Ad hock)	Andhra Loyola College, Vijayawada.
Honors & Awards	Fellow of Telangana Academy of Science. University Best Director Award-2024, JNTUH. University Best Teacher Award-2023, JNTUH Best Teacher Award- Govt of T.S, Raman Post-Doc Fellow, ITAP-Award, M.Sc.-Gold Medalist

Member of Different BOS & Others

Nanotechnology & Physics	JNTUH, JNTUK, JNTUA, VIT, SVU, KL University, Siddhartha College.
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Specialization of Research		Thesis Advisor	
Nanomaterials	Synthesis and Characterization	Post Doc	3-Completed
Sensors	Gas, Glucose and Humidity	Ph.D.	16 -Awarded , 4-Ongoing
Energy	Solar Cells, Batteries, Super Capacitor	M.Tech/B.Tech	170/15- Awarded
Agriculture	Seed Germination	M.Phil/M. S	1- Awarded/4 -Awarded
Bio-Medical	Cancer imaging	M. Sc	10- Awarded

Research Achievements	
Highly Cited Research Paper Award	CuInS ₂ nanoparticles: Microwave-assisted synthesis, characterization, and photovoltaic measurements-2013, Materials Science in Semiconductor Processing –Elsevier
Best Technical Research Paper Award (DMRL)	Effect of visco elastic behaviour of glass laminates on their energy absorption subjected to high velocity impact-2016, Materials & Design-Elsevier

Publication/Patents		Projects		Convener of Events	
International	350	UGC	3-Completed	International Conference	ICONSEA 2014&2018
Published Books	15	DST-SERB	1-Completed	National Conference	10
Conferences Proceedings	100	DST-SERB	1- Ongoing	Work Shop	15
Under Review Manuscripts	07	NANOMISSION	1-Completed	Refresh Courses (UGC ASC-JNTUH)	3 Weeks-4 1Week-3
Patents (Field)	3	AICTE-RPS	1- Ongoing	AICTE-FDP	2 Weeks-2
		AICTE-MODEROB	1-Ongoing	AICTE-STTP	1week-3
		TEQUIP-I, II & III	6- Completed		
		Approx. Projects Cost : 450 lakhs			

Collaboration with Industries		Visited	
Nano Span India Ltd	India	NUS	Singapore
Aisin Cosmos R & D Co., Ltd	Japan	JHU	USA
NED Energy Ltd	India	University of Louisville	USA

